

# ***AUDIO NOISE CANCELLATION SYSTEM FOR A SENSOR IN AN AUTOMOTIVE VEHICLE***

## **Abstract of Disclosure**

A compensation circuit (12) for a sensor (22) generating electrical sensor output near a speaker (18) of an audio system (16) comprises an inverting circuit (26) coupled to the electrical output (16) of the audio system. The inverting circuit (26) generates an inverted electrical signal corresponding to a speaker audio output. A sensor controller (24) coupled to the inverting circuit (26) and the sensor (22) generates a compensated electrical output in response to the electrical sensor output and the inverted electrical signal.

## Figures